

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1: (canceled).

Claim 2 (currently amended): An adaptor comprising:
a sensor;
a gimbal housing having a male connector at one end and a female connector at another end, wherein the male connector is configured to connect with an electrical socket and the female connector is configured to connect with an electrical device; and
a circuit for selectively controlling the electrical device in response to the sensor;
wherein the gimbal housing is adapted to rotate around the male connector about a first axis and support the sensor for independent rotation about a second axis perpendicular to the first axis so that the sensor can be moved to a selectable sensing orientation, and
wherein the one or more openings comprise first and second windows
respectively formed in opposite sides of the gimbal mounting between the second axis and the female connector.

Claim 3 (currently amended): An adaptor according to claim 42, wherein the sensor comprises one of a motion detector, an infrared detector, a photodetector and a sound detector.

Claim 4 (previously presented): An adaptor according to claim 2, wherein the male connector and the female connector are respectively provided on opposite ends of the gimbal housing in alignment with the first axis.

Claim 5 (previously presented): An adaptor according to claim 2, wherein the electrical socket is a light socket.

Claim 6 (currently amended): An adaptor according to claim 42, wherein the electrical device comprises a light source.

Claim 7 (original): An adaptor according to claim 6, wherein the light source is a light bulb.

Claim 8 (currently amended): An adaptor according to claim 42, wherein the electrical device comprises one of a mobile telephone, a sound alarm, a security device, and a monitoring device.

Claim 9 (original): An adaptor according to claim 8, wherein the security device comprises a burglar alarm.

Claim 10 (original): An adaptor according to claim 8, wherein the monitoring device comprises a surveillance camera.

Claim 11 (canceled).

Claim 12 (previously presented): An adaptor according to claim 2, wherein the gimbal housing has one or more openings formed therein to correspond with at least some selectable sensing orientations of the sensor.

Claim 13 (original): An adaptor according to claim 12, wherein the one or more openings comprise first and second windows respectively formed in opposite sides of the gimbal mounting between the second axis and the female connector.

Claim 14 (previously presented): An adaptor according to claim 2, wherein the gimbal housing further comprises a locking mechanism for lockably rotating the gimbal housing about the male connector.

Claim 15 (original): An adaptor according to claim 14, wherein the locking mechanism comprises a ratchet wheel and pawl.

Claim 16 (previously presented): An adaptor according to claim 2, wherein the sensor is adapted to rotate less than 360° around the second axis.

Claim 17 (original): An adaptor according to claim 16, wherein the sensor is adapted to rotate to a maximum of about 350° around the second axis.

Claim 18 (previously presented): An adaptor according to claim 2, wherein the gimbal housing is adapted to rotate less than 360° around the first axis.

Claim 19 (original): An adaptor according to claim 18, wherein the gimbal housing is adapted to rotate to a maximum of about 350° around the first axis.

Claim 20 (currently amended): A method for operating an electrical device comprising the steps of:

connecting one end of ~~an~~ the adaptor claimed in claim 2 to the electrical device and a second end to an electrical socket;

supporting a sensor in a gimbal housing between the ends of the adaptor so that the sensor is rotatable about two mutually orthogonal axes;

moving the sensor to a selectable sensing orientation; and

selectively controlling the electrical device in response to the sensor.

Claim 21 (original): A method for operating an electrical device according to claim 20, wherein the electrical device comprises a light source.

Claim 22 (original): A method for operating an electrical device according to claim 21, wherein the light source is a light bulb.

Claim 23 (original): A method for operating an electrical device according to claim 20, wherein the electrical device comprises one of a mobile telephone, a sound alarm, a security device, and a monitoring device.

Claim 24 (original): A method for operating an electrical device according to claim 23, wherein the security device comprises a burglar alarm.

Claim 25 (original): A method for operating an electrical device according to claim 23, wherein the monitoring device comprises a surveillance camera.

Claim 26 (previously presented): A method for operating an electrical device according to claim 20, wherein the sensor comprises one of a motion detector, an infrared detector, a photodetector and a sound detector.

Claims 27 and 28: (canceled).